



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Alice M. Chiang and Steven R. Broadstone  
Application No.: 09/909,141 Group Art: 3662  
Filed: July 19, 2001 Examiner: Daniel Pihulic  
For: Sonar Beamforming System

*9*  
*Formals*  
*Dates*  
*4/11*

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**GROUP 3600**

Commissioner for Patents  
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Sir:

In reply to the Office Action mailed from the U.S. Patent and Trademark Office on September 25, 2002, transmitted herewith are formal drawings, Figures 1-7, Sheets 1/7 - 7/7 for filing in the subject application.

Acceptance of the formal drawing is respectfully requested.

Respectfully submitted,

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Date: March 24, 2003

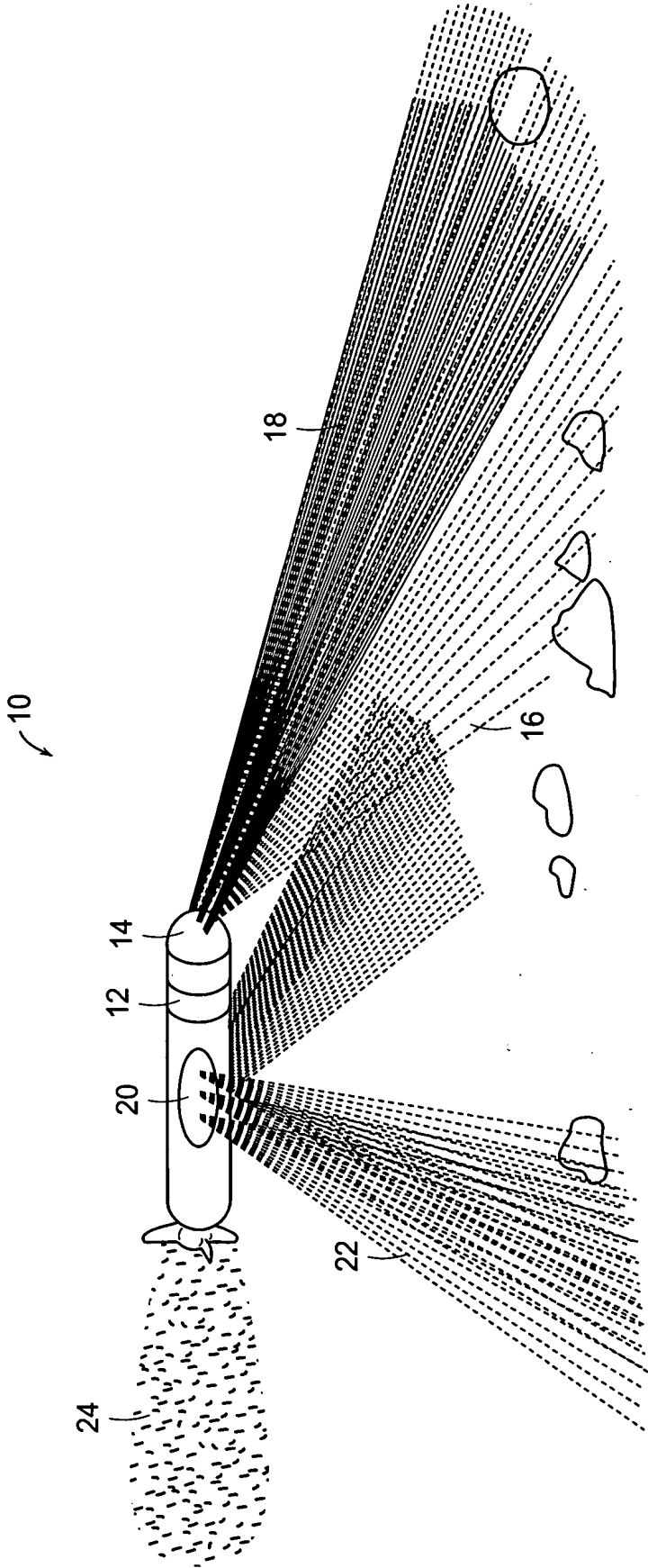


FIG. 1

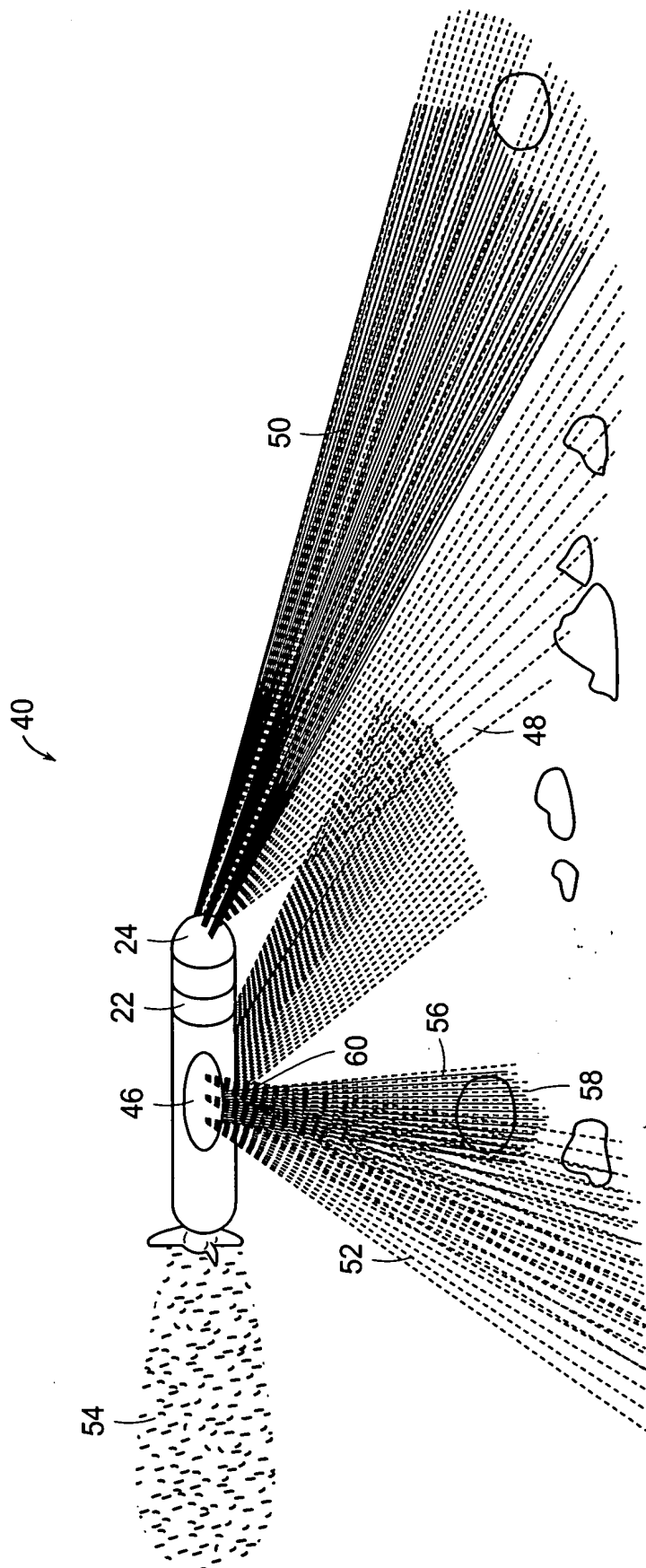


FIG. 2

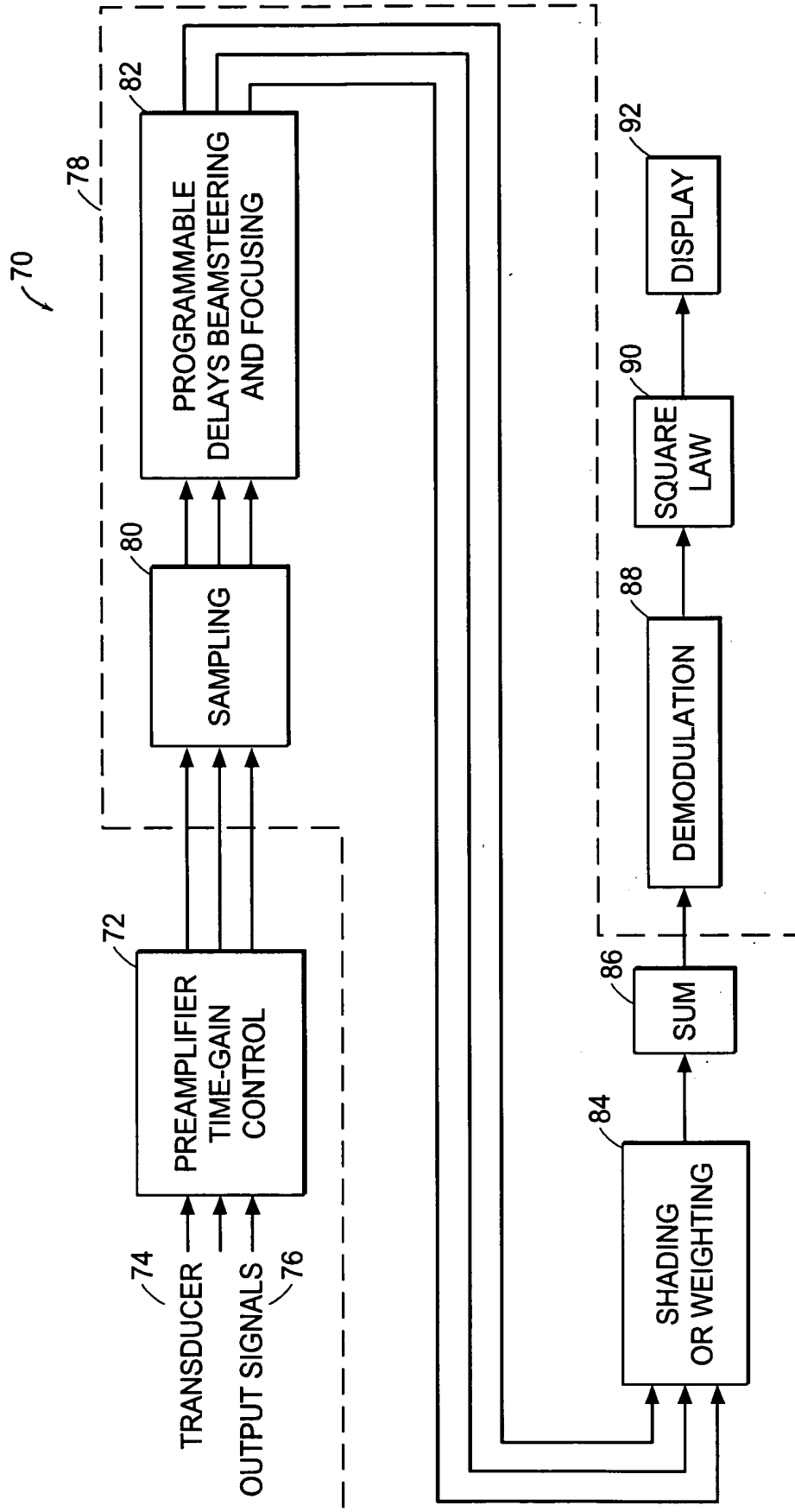


FIG. 3

APPROVED O.G. FIG.  
 BY CLASS SUBCLASS  
 DRAFTER  
 MAR 31 2003  
 PATENT & TRADEMARK OFFICE

Docket No.: 301496.2001-103  
 Inventors: Alice M. Chiang and Steven R. Broadstone  
 Title: Sonar Beamforming System

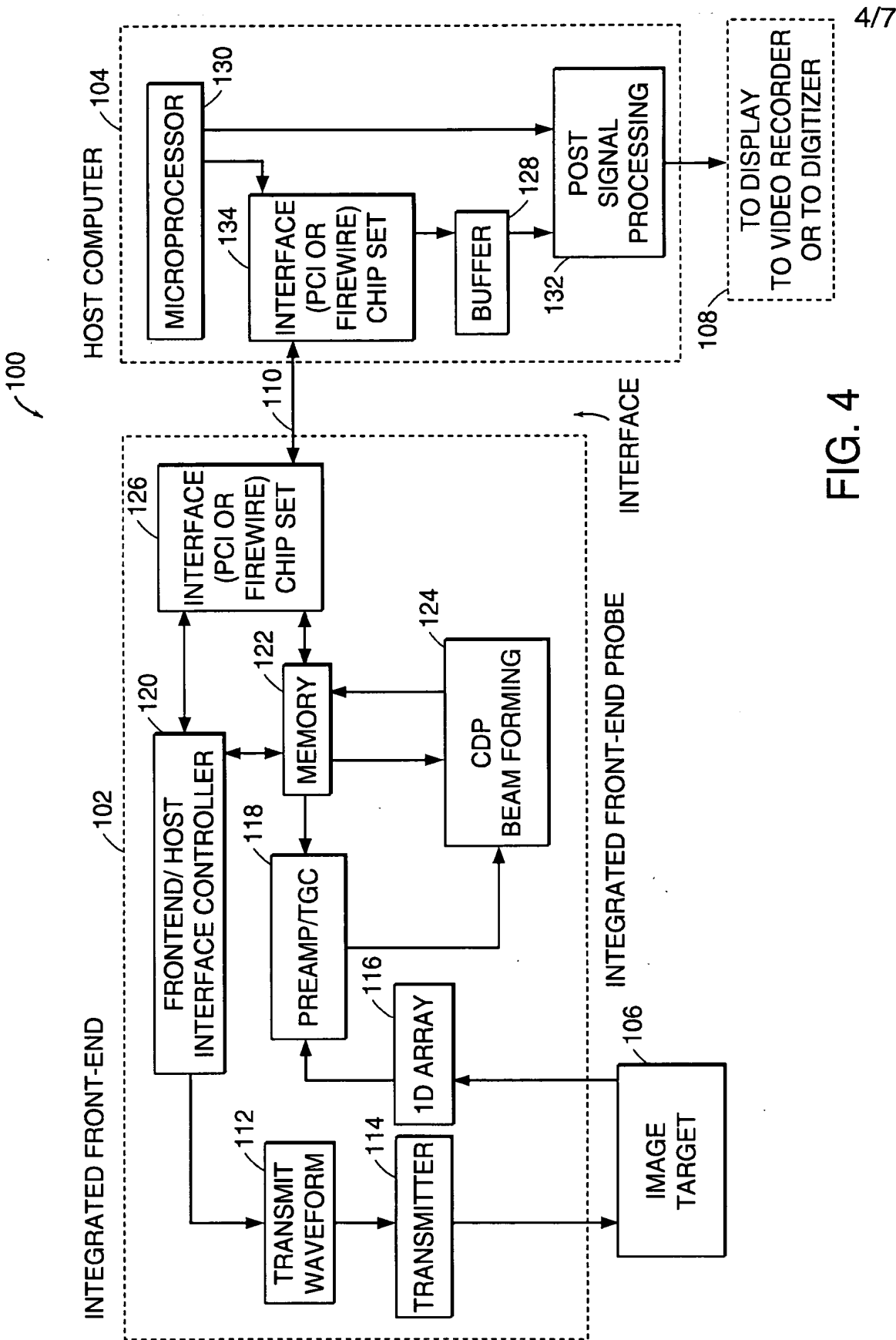
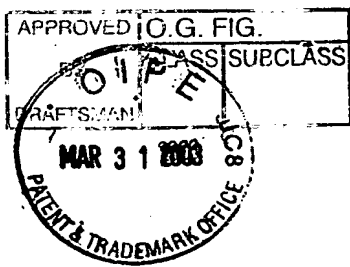


FIG. 4



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Inventors: Alice M. Chiang and Steven R. Broadstone  
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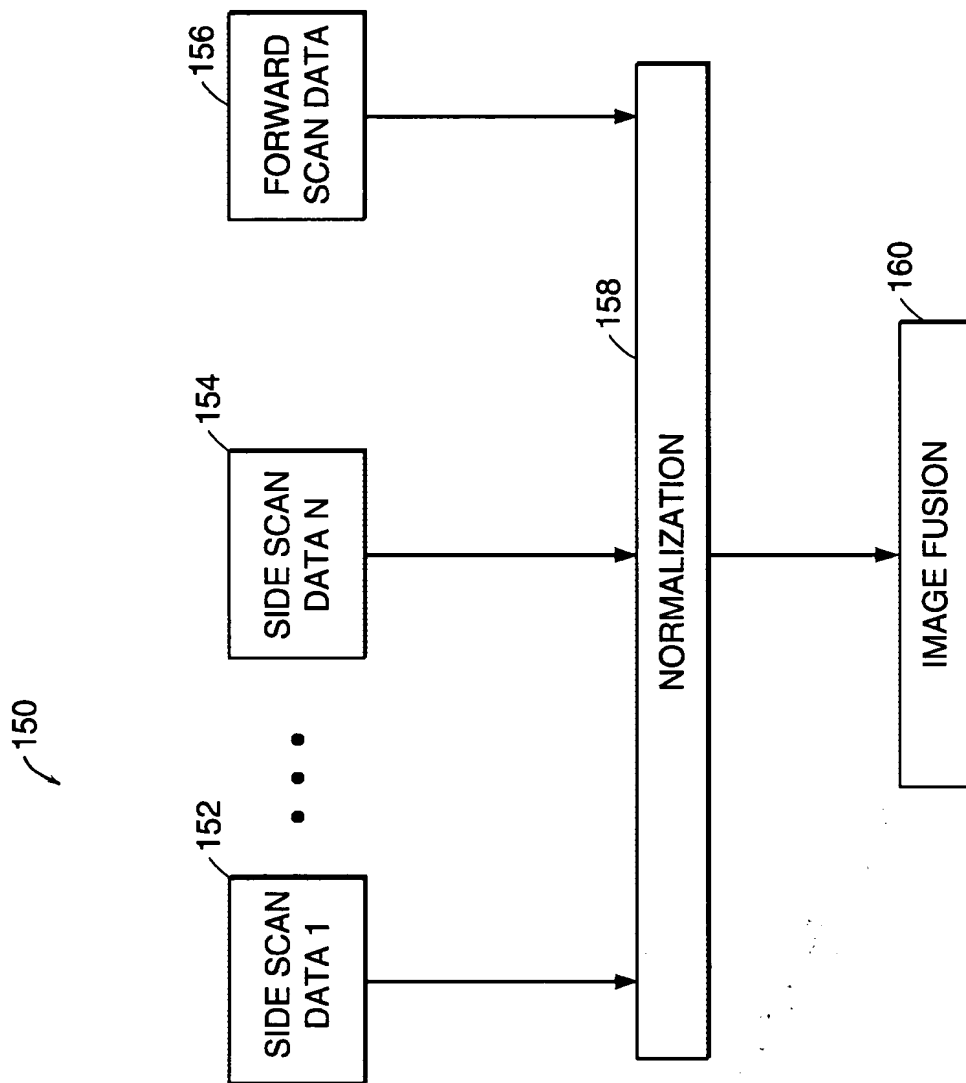
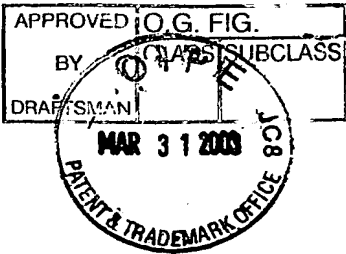


FIG. 5



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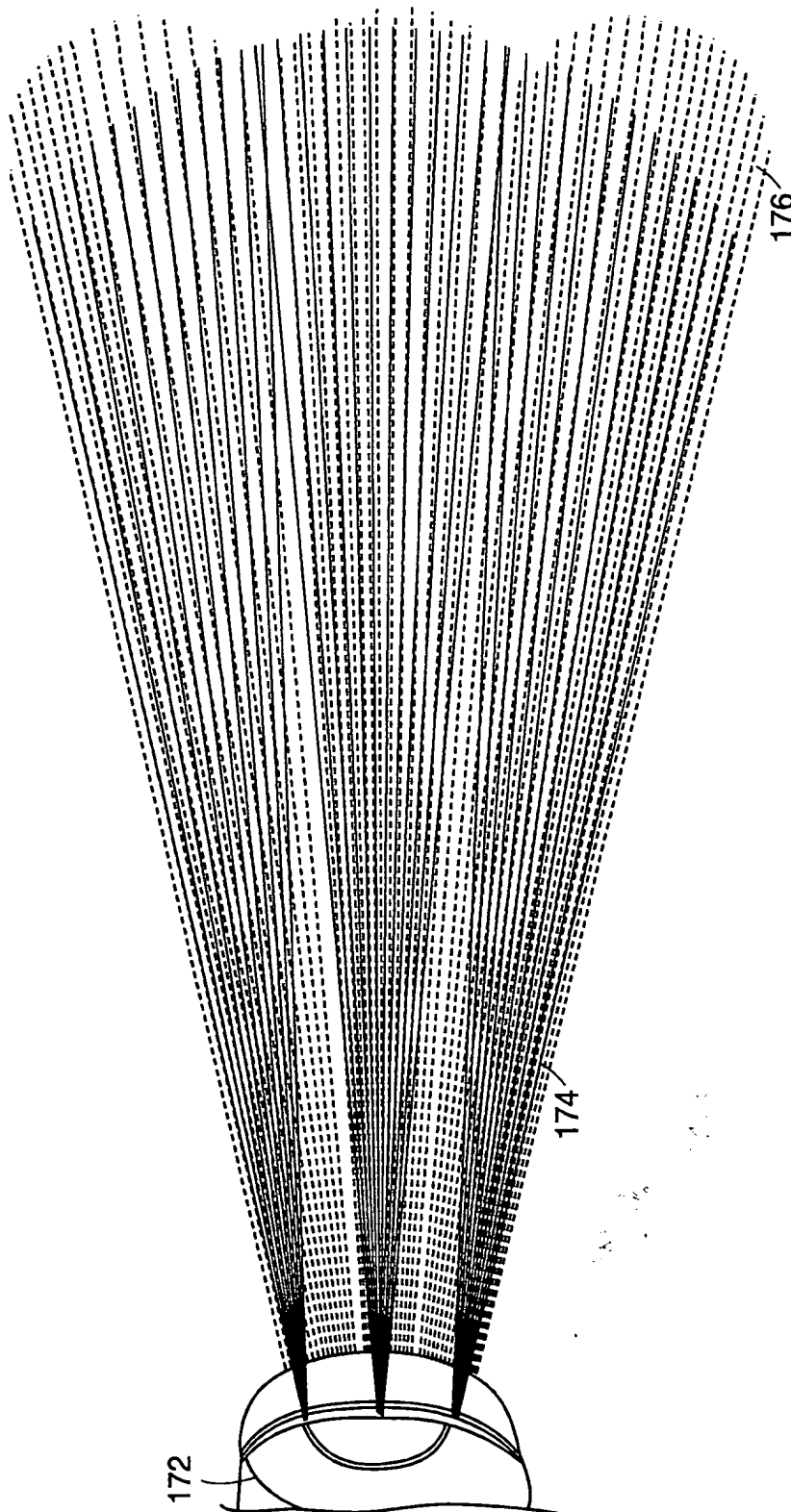


FIG. 6

APPROVED: J. G. FIG.  
CLASS 90 CLASS  
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PATENT & TRADEMARK OFFICE

Docket No.: 301496.2001-103  
Inventors: Alice M. Chiang and Steven R. Broadstone  
Title: Sonar Beamforming System

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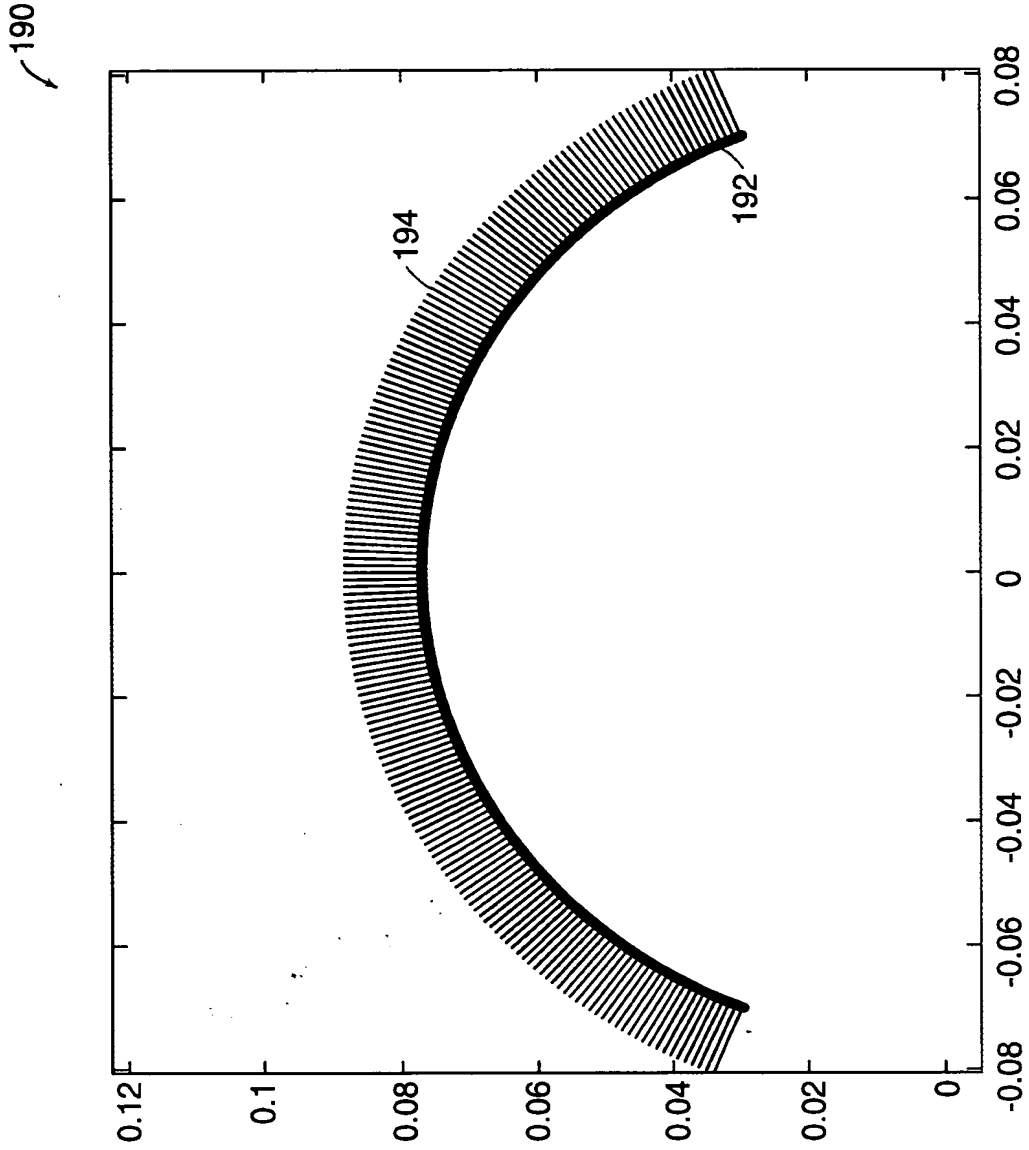


FIG. 7